

IN THE CLAIMS

Claim 1 (currently amended): A method for driving an electric percussion tool, said electric percussion tool including a solenoid, a plunger core slidably received in said solenoid and actuatable by said solenoid to move relative to said solenoid, a spring member for applying a spring biasing force against said plunger core to recover said plunger core relative to said solenoid, and a switch for initializing said solenoid, said method comprising:

initializing said solenoid with said switch,

~~energizing~~ providing a first positive signal to energize and to operate said solenoid for a first time interval to actuate said plunger core to slide relative to said solenoid, from a first position to a second position, and to conduct a first driving operation,

~~de-energizing~~ providing at least one second positive signal to deenergize said solenoid for a second time interval, to allow said plunger core to be recovered back from said second position to said first position by said spring member,

~~energizing~~ providing a third positive signal to energize and to operate said solenoid again for a third time interval to actuate said plunger core to slide relative to said solenoid, from said first position to said second position, and to conduct at least one second driving operation, and

terminating said solenoid,

said second time interval being arranged longer than said first time interval, to allow said spring member to have a longer time to

recover said plunger core from said second position to said first position, and to allow said spring member to be made with a smaller spring biasing force.

Claims 2-3 (canceled).